

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070121AL\
 Data File : FC054533.D
 Signal(s) : FID1A.CH
 Acq On : 01 Jul 2021 11:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 01 16:44:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.335	3164939	22.356 ug/ml
Spiked Amount 50.000		Recovery =	44.71%
12) S 1-chlorooctadecane (S...	12.779	2461986	22.085 ug/ml
Spiked Amount 50.000		Recovery =	44.17%
Target Compounds			
1) T n-Nonane (C9)	3.145	2638724	22.439 ug/ml
2) T n-Decane (C10)	4.201	2756425	23.214 ug/ml
3) T A~Naphthalene (C11.7)	5.768	3047872	23.183 ug/ml
4) T n-Dodecane (C12)	6.209	2827983	23.595 ug/ml
5) T A~2-methylnaphthalene...	6.821	3126376	23.681 ug/ml
6) T n-Tetradecane (C14)	7.997	2926330	24.018 ug/ml
7) T n-Hexadecane (C16)	9.593	2951511	23.695 ug/ml
8) T n-Octadecane (C18)	11.032	3014916	23.343 ug/ml
10) T n-Eicosane (C20)	12.338	2944397	22.628 ug/ml
11) T n-Heneicosane (C21)	12.948	2949006	22.212 ug/ml
13) T n-Docosane (C22)	13.533	2884108	21.770 ug/ml
14) T n-Tetracosane (C24)	14.634	2848685	21.044 ug/ml
15) T n-Hexacosane (C26)	15.653	2656311	19.603 ug/ml
16) T n-Octacosane (C28)	16.599	2567608	18.707 ug/ml
17) T n-Tricontane (C30)	17.485	2478088	17.892 ug/ml
18) T n-Dotriacontane (C32)	18.316	2384757	17.431 ug/ml
19) T n-Tetratriacontane (C34)	19.101	2344915	17.355 ug/ml
20) T n-Hexatriacontane (C36)	19.839	2253429	18.255 ug/ml
21) T n-Octatriacontane (C38)	20.544	2202830	19.474 ug/ml
22) T n-Tetracontane (C40)	21.368	2289859	20.259 ug/ml

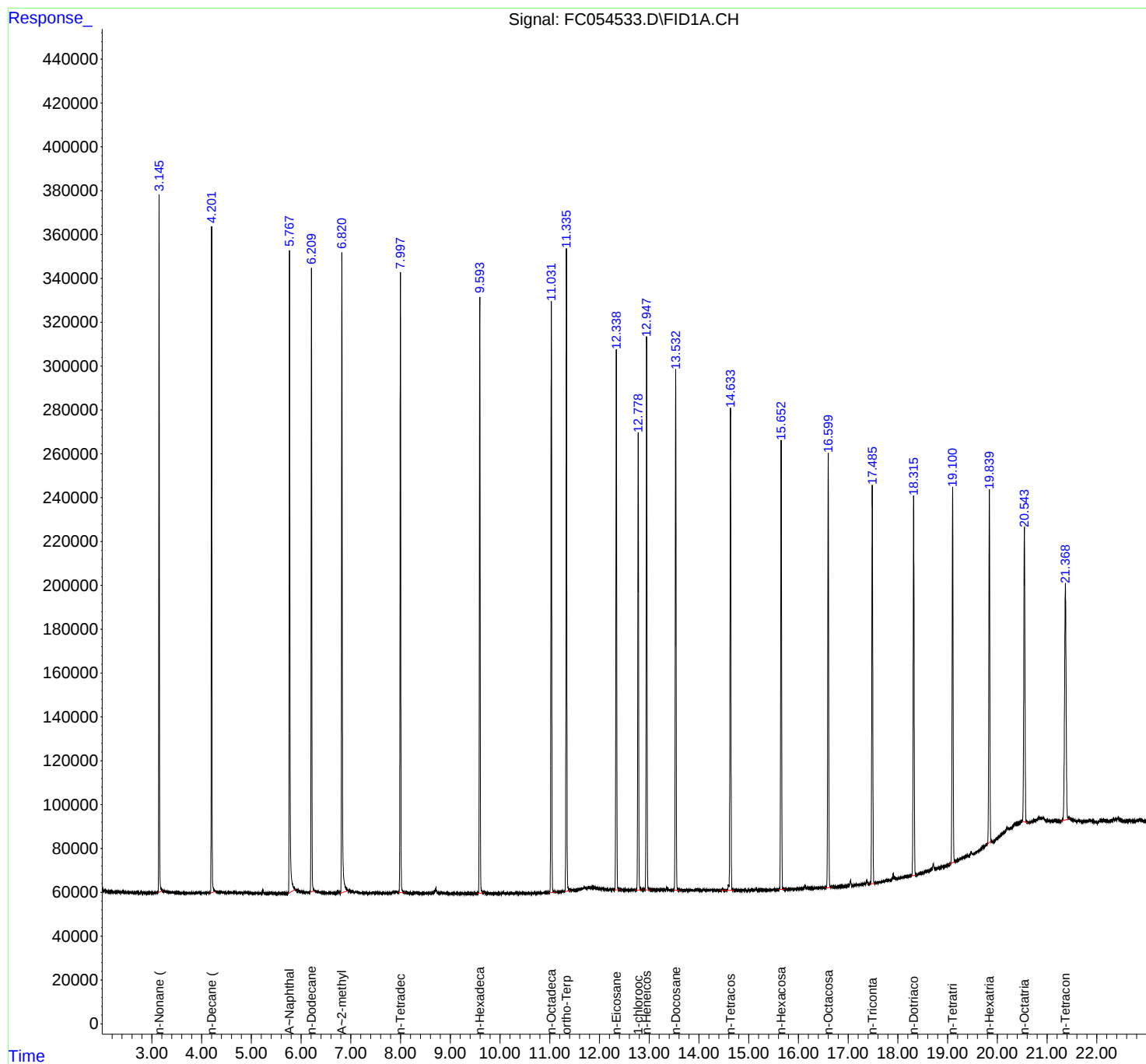
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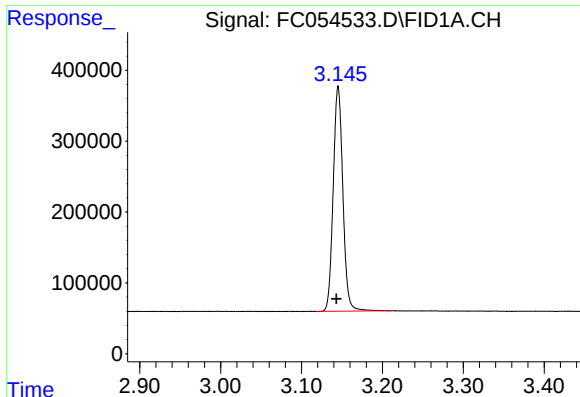
(m)=manual int.

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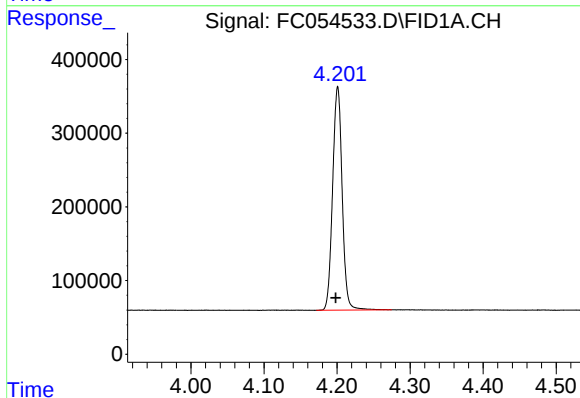
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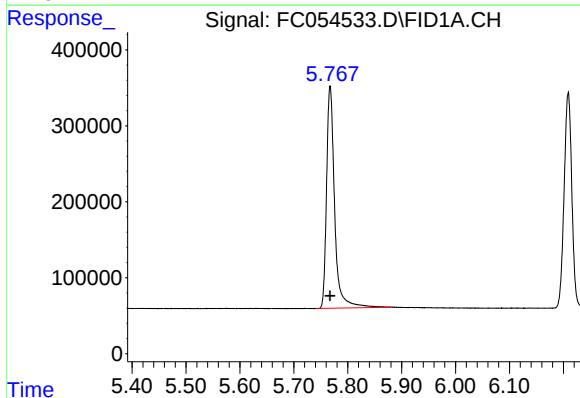
#1 n-Nonane (C9)

R.T.: 3.145 min
Delta R.T.: 0.002 min
Response: 2638724
Conc: 22.44 ug/ml



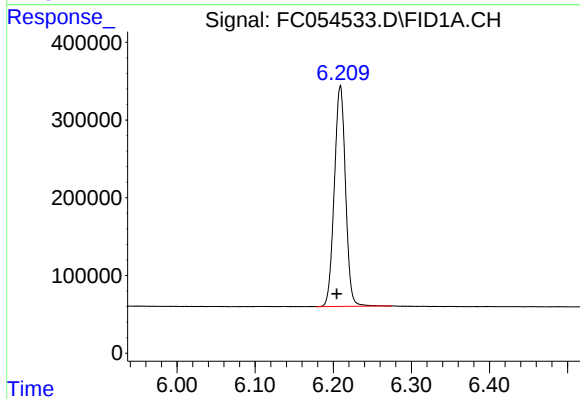
#2 n-Decane (C10)

R.T.: 4.201 min
Delta R.T.: 0.003 min
Response: 2756425
Conc: 23.21 ug/ml



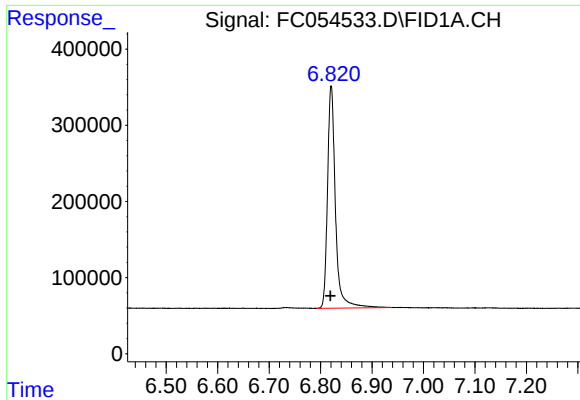
#3 A~Naphthalene (C11.7)

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 3047872
Conc: 23.18 ug/ml



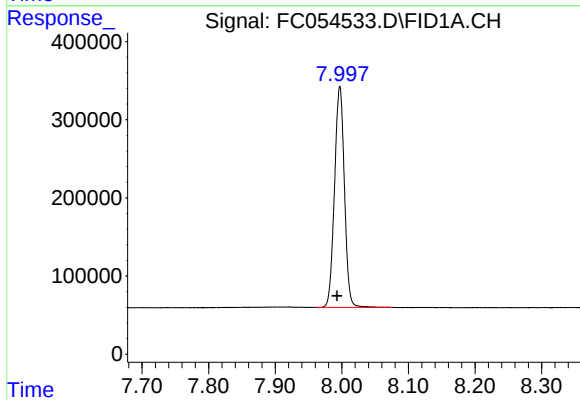
#4 n-Dodecane (C12)

R.T.: 6.209 min
Delta R.T.: 0.004 min
Response: 2827983
Conc: 23.60 ug/ml



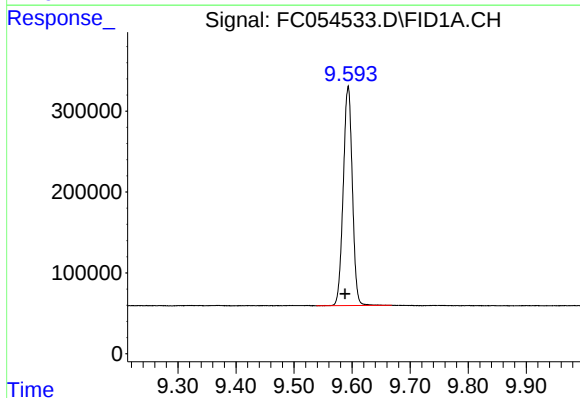
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: 0.001 min
Response: 3126376
Conc: 23.68 ug/ml



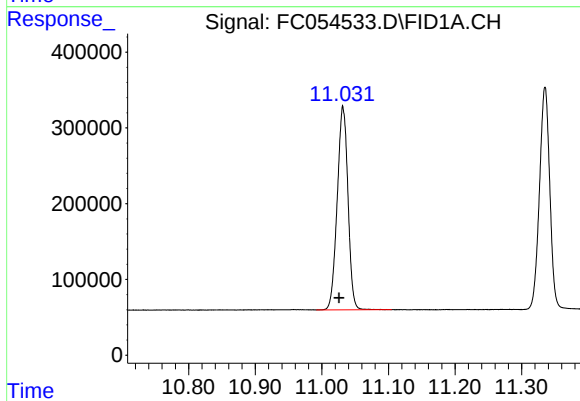
#6 n-Tetradecane (C14)

R.T.: 7.997 min
Delta R.T.: 0.004 min
Response: 2926330
Conc: 24.02 ug/ml



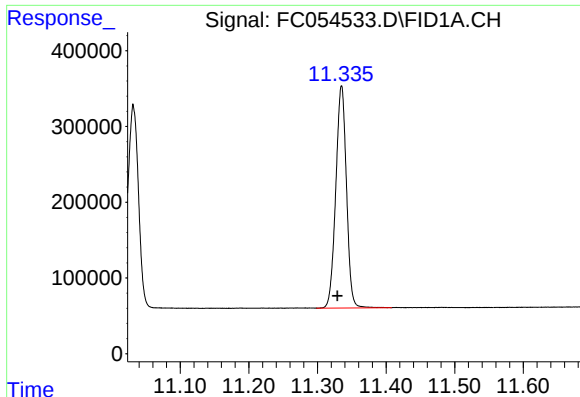
#7 n-Hexadecane (C16)

R.T.: 9.593 min
Delta R.T.: 0.005 min
Response: 2951511
Conc: 23.70 ug/ml



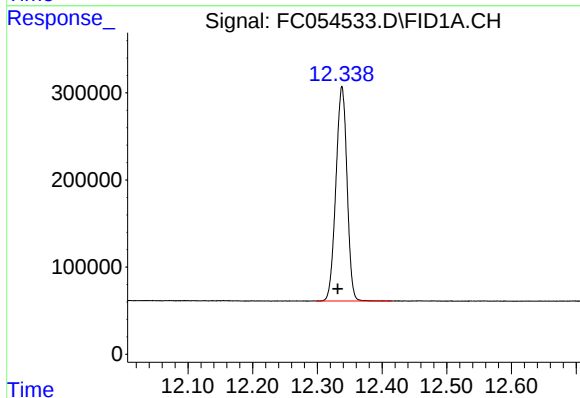
#8 n-Octadecane (C18)

R.T.: 11.032 min
Delta R.T.: 0.006 min
Response: 3014916
Conc: 23.34 ug/ml



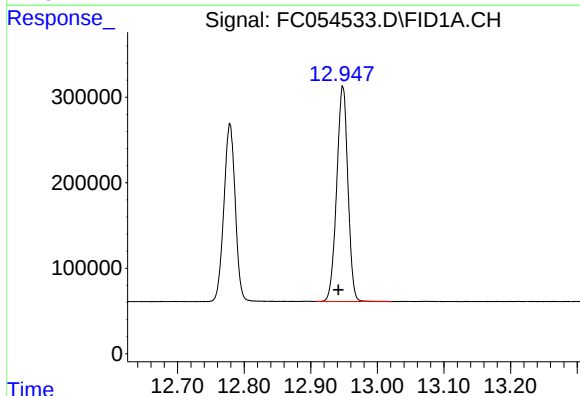
#9 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: 0.006 min
Response: 3164939
Conc: 22.36 ug/ml



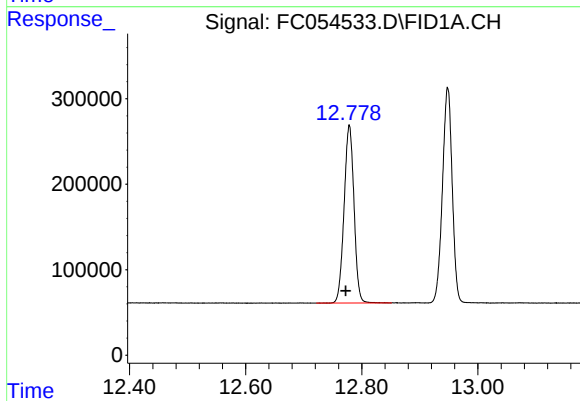
#10 n-Eicosane (C20)

R.T.: 12.338 min
Delta R.T.: 0.006 min
Response: 2944397
Conc: 22.63 ug/ml



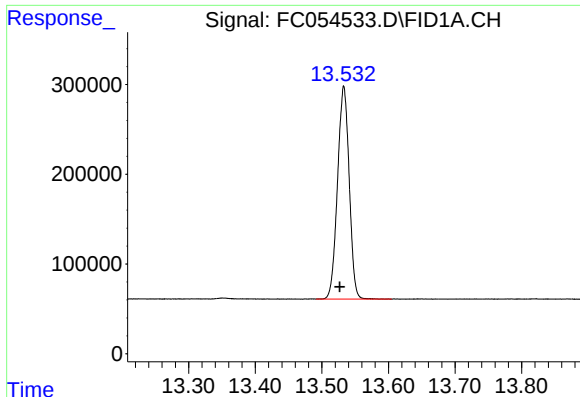
#11 n-Heneicosane (C21)

R.T.: 12.948 min
Delta R.T.: 0.006 min
Response: 2949006
Conc: 22.21 ug/ml



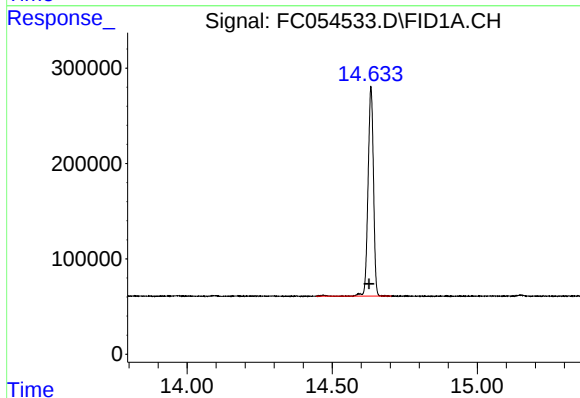
#12 1-chlorooctadecane (SURR)

R.T.: 12.779 min
Delta R.T.: 0.006 min
Response: 2461986
Conc: 22.09 ug/ml



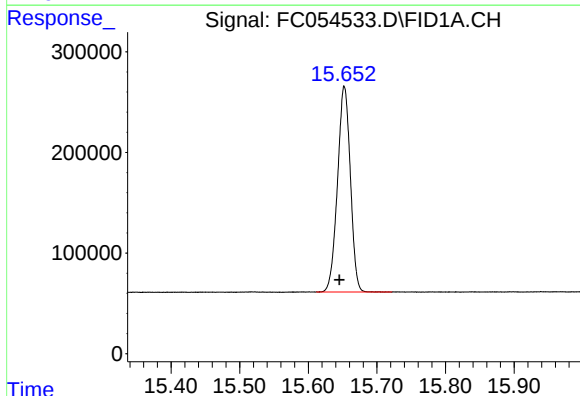
#13 n-Docosane (C22)

R.T.: 13.533 min
Delta R.T.: 0.006 min
Response: 2884108
Conc: 21.77 ug/ml



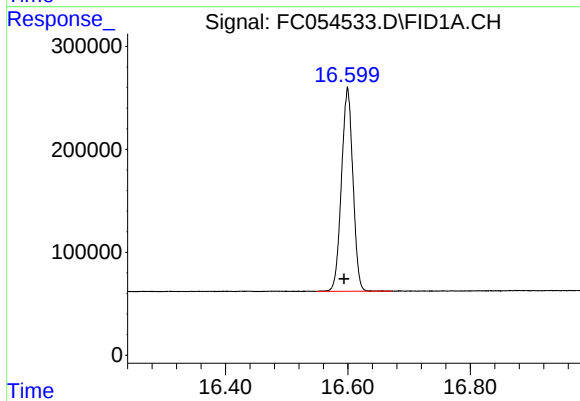
#14 n-Tetracosane (C24)

R.T.: 14.634 min
Delta R.T.: 0.006 min
Response: 2848685
Conc: 21.04 ug/ml



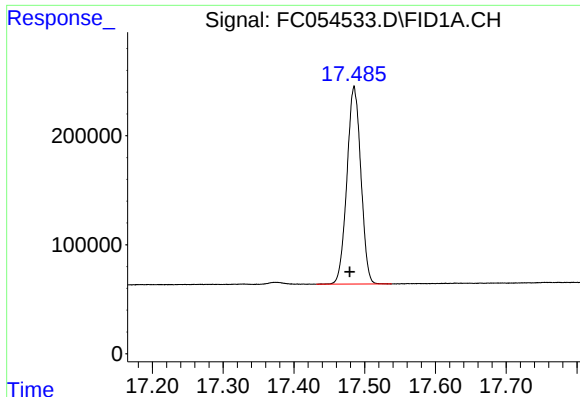
#15 n-Hexacosane (C26)

R.T.: 15.653 min
Delta R.T.: 0.007 min
Response: 2656311
Conc: 19.60 ug/ml



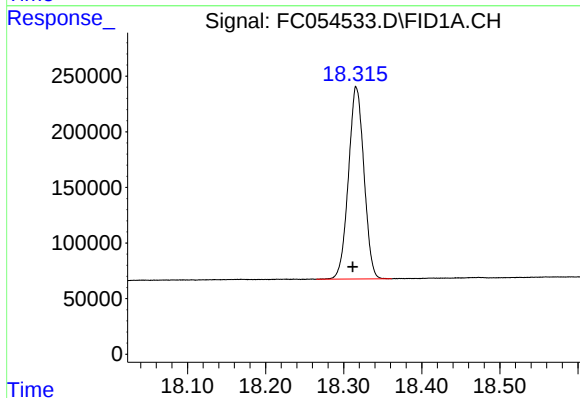
#16 n-Octacosane (C28)

R.T.: 16.599 min
Delta R.T.: 0.006 min
Response: 2567608
Conc: 18.71 ug/ml



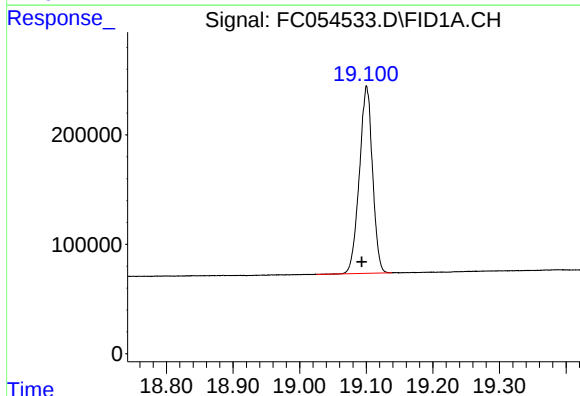
#17 n-Tricontane (C30)

R.T.: 17.485 min
Delta R.T.: 0.006 min
Response: 2478088
Conc: 17.89 ug/ml



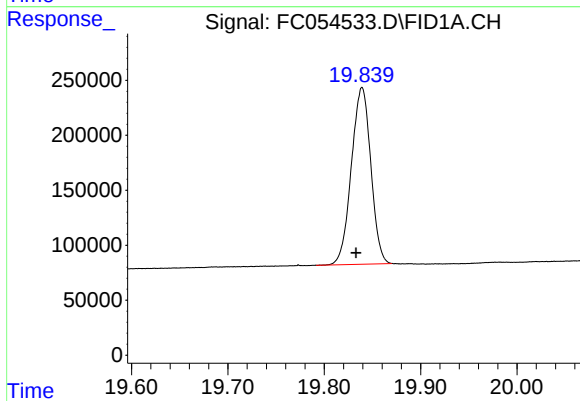
#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: 0.005 min
Response: 2384757
Conc: 17.43 ug/ml



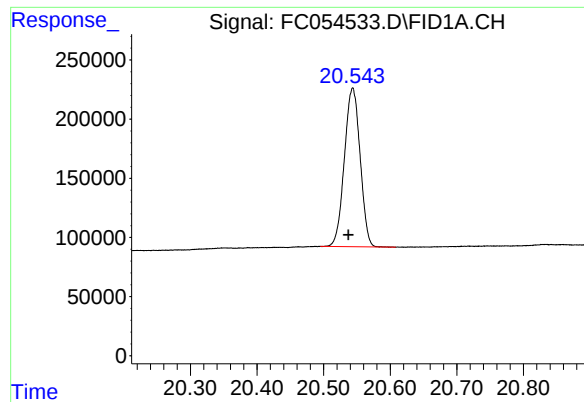
#19 n-Tetratriacontane (C34)

R.T.: 19.101 min
Delta R.T.: 0.007 min
Response: 2344915
Conc: 17.35 ug/ml



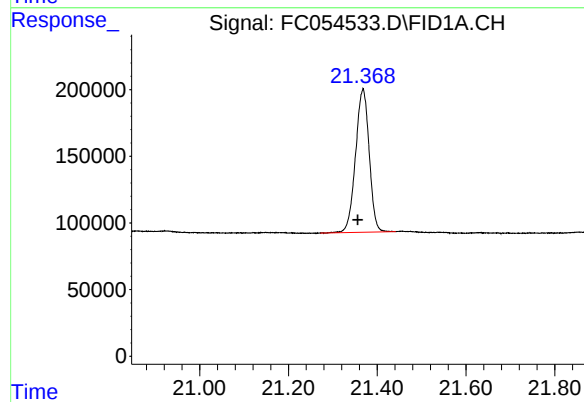
#20 n-Hexatriacontane (C36)

R.T.: 19.839 min
Delta R.T.: 0.006 min
Response: 2253429
Conc: 18.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.544 min
Delta R.T.: 0.007 min
Response: 2202830
Conc: 19.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.368 min
Delta R.T.: 0.012 min
Response: 2289859
Conc: 20.26 ug/ml